

means of a fan pump (18) further to the head box (22) of the paper machine, and wherein the paper pulp is fed into the gas separation tank (16) by means of a propeller pump (12).

2. (Amended) A paper pulp pretreatment method according to claim 1, wherein prior to being transferred into the gas separation tank (16), of the fractions forming the paper pulp at least the filler fraction and the fiber fraction are treated separately in their own screening stages in order to remove impurities from said fractions, after which said fractions are combined to form paper pulp.

3. (Amended) A paper pulp pretreatment method according to claim 1, wherein various sorts of fiber pulp contained in the paper pulp are treated separately each in its own screening stage.

4. (Amended) A paper pulp pretreatment method according to claim 2, wherein centrifugal cleaning is used in said screening stages.

5. (Amended) A paper pulp pretreatment method according to claim 2, wherein a pressure screen is used in said screening stages.

6. (Amended) A paper pulp pretreatment method according to claim 1, wherein the paper pulp is fed by means of a propeller pump (12) into the gas separation tank (16) directly from the white water tank (10) without employing special cleaning.

7. A paper pulp pretreatment method according to claim 1, wherein the paper pulp is transferred into the gas separation tank (16) from a white water tank (100) located essentially at the machine level.

Please add the following new claim:

19. (NEW) A paper pulp pretreatment method according to claim 3, wherein said various sorts of fiber pulp includes at least one selected from VF, DIP and BR pulp.